

X-400 Series RECORDERS

16mm only, synchronous magnetic film

X-400 TYPE 15

The "ALL-IN-ONE" Type 15, in a single portable case, is a complete, top-quality sound system. Playback monitor amplifier, loudspeaker and recorder are all built into this one compact package. Just open the case and you're in business! Designed for "on-the-go" producers who want to save set-up time.

FEATURES

- · Accurate, chain coupled, easy-to-read footage counter.
- Two torque motors, for take-up, rewind, fast forward.
- · Simplified single-switch for all motor control functions.
- · Simultaneous film monitor through separate play head.
- "RECORD" indicator lamp to protect 'takes'.
- Accommodates standard 1200-ft. film reels.
- Bias indication readout.
- SMPTE standard performance.

SPECIFICATIONS

Film Type, Tracking, Model Numbers:

16mm, Edge Track; Model X-400-E-15 16mm, Center Track; Model X-400-C-15

16mm, Release Print, Model X-400-R-15

Film Capacity: Standard 1200-ft. reels. (2 Magnasync reels Models M-77B with hubs, furnished with each recorder)

Take-up/Rewind: Two torque motors for high speed rewind from reel to reel or synchronous reverse through sprocket drive.

Footage Counter: Directly coupled to film drive sprocket for accuracy; adds forward, subtracts reverse; reset type.

Drive Motor: Salient pole synchronous. Standard unit furnished with 115-volt, 60-cycle, single phase, 24 fps drive motor. Drive motors with other voltages, cycles and phases available including 25 fps film speed at 50 cycles, at no additional cost. See "Special Motors" Section for information.

Frequency Response:

50 to 10,000 cps: ± 2 db at 36 fpm.

Distortion: Less than 2% total harmonic.

Signal-to-noise Ratio: 56 db

Flutter and Wow: 0.18% maximum rms overall.

Inputs: High gain microphone channel. (Strapped for 50 ohms standard. Can easily be changed to 250 ohms or 600 ohms.) Cannon X-L connector. Hi Impedance input.

Output: Cathode follower (.6 volt into 600 ohms)

Dialogue Equalization: Switch for bass roll-off from 300 cps to —10 db at 100 cps.

Monitor: 3½" VU meter monitors input signal. Built in monitor speaker and power amplifier with provision for auxiliary speaker output, 4 to 8 ohms with 2 watts of power. Monitor output will feed any impedance above 500 ohms. Monitor direct through amplifier or switch to "Film Monitor" for simultaneous playback from film.

Power Consumption: 120 watts.

Case Dimensions: 18" high, 20" wide, 11" deep.

Weight: 60 lbs. (28 kgs) net.

ACCESSORIES

D-2, Dust Cover.

M-480-A, Selsyn Interlock.

M-44 Type, Flexible Cable for projector interlock.

M-98, Remote Control.
G-924, Multi-channel Mixer.
(See "ACCESSORIES" Section).

See other side for X-400 Type 1 and Type 2 Recorders

DEALER:

MAGNASYNC

CORPORATION
A subsidiary of Monogram Industries, Inc.
5547 Satsuma Avenue, North Hollywood, California 91601
Phone: (213) 877-1591
Cable "MAGNASYNC"



X-400 Series

16mm only, synchronous magnetic film

X-400 TYPE 1 PORTABLE







The X-400 is a complete synchronous 16mm magnetic film recording and reproducing channel, professional in every detail. This is the answer for the independent producer whose budget had previously prevented him from taking advantage of sprocketed double-system production. This unit is also designed around the basic "Synkinetic" motion principle that through the years has given meaning to the Magnasync pledge - Quality, Economy, Integrity!

The X-400 may be operated in either console or stacked positions. Positive projector interlock can be made with the simple flexible cable gear box attachment.

FEATURES

- Professional, heavy-duty construction.
- Bias indication readout.
- Simple projector interlock.
- Instantaneous "Film-Direct" monitoring.
- Simplicity of operation.
- Extreme lightweight portability.
- Attractively housed in break apart case.
- Low power consumption.
- SMPTE standard performance.

SPECIFICATIONS

Film Type, Tracking, Model Numbers: 16mm, Edge Track; Model X-400-E-1 16mm, Center Track; Model X-400-C-1

16mm, Release Print, Model X-400-R-1

Film Capacity: Standard 400-ft. reels; accessory extension arms may be used to accommodate 1200-ft. reels. (2 Magnasync reels Models M-76A or M-77B with hubs, furnished with each recorder.)

Rewind: 4:1 ratio reel to reel or synchronous reverse through sprocket drive.

Drive Motor: Salient pole synchronous. Standard unit furnished with 115-volt, 60-cycle, single phase, 24 fps

drive motor. Drive motors with other voltages, cycles and phases available including 25 fps film speed at 50 cycles, at no additional cost. See "Special Motors" section for information.

Frequency Response: 50 to 10,000 cps, ± 2 db.

Distortion: Less than 2% total harmonic.

Signal-to-noise Ratio: 56 db.

Flutter and Wow: 0.18% maximum rms overall.

Inputs: High gain microphone. (Strapped for 50 ohms standard. Can easily be changed to 250 ohms or 500 ohms). Cannon X-L connector. Hi Impedance input.

Output: Cathode follower (.6 volt into 600 ohms).

Monitor: 3½" VU meter monitors input signal. Monitor output will feed any impedance above 600 ohms. Monitor direct through amplifier or switch to "Film Monitor" for simultaneous playback from film.

Dialogue Equalization: Switch for bass roll-off from 300 cps to -10 db at 100 cps.

Power Consumption: 60 watts, including amplifier and drive

Case Dimensions: $15\frac{1}{2}$ " high, 19" wide, $7\frac{1}{2}$ " deep, closed.

Weight: 35 lbs. (16 kgs) net.

ACCESSORIES

D-6, Dust Cover.

X-42, Footage Counter.

X-43, Extension Arms.

M-480, Selsyn Interlock.

M-44 Type, Flexible Cable for projector interlock.

M-97, Remote Control.

G-924, Multi-channel Mixer.

(See "ACCESSORIES" Section)

X-400 TYPE 2

RACK MOUNT

For standard 19" rack cabinet mounting. Entire mechanism and amplifier specifications identical to the Type 1 except: 1) Equipped with torque motors for supply and take-up reels, 2) 1200-ft. reel capacity, 3) Transport on 121/4" x 19" rack panel, 4) Amplifier on 7" x 19" rack panel.

Film Type, Tracking, Model Numbers:

16mm, Edge Track; Model X-400-E-2

16mm, Center Track; Model X-400-C-2

16mm, Release Print, Model X-400-R-2

ACCESSORIES:

M-481. Selsvn Interlock.

M-97. Remote Control.

G-924, Multi-channel Mixer.

(See "ACCESSORIES" Section)

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These reproducers, utilizing the mechanism of the compact X-400 Type 1 recorder, offer the independent producers maximum economy and flexibility without sacrifice of quality and dependability.

Modular "building block" design permits additions of one or more reproducers as required.

Single reproducers include transport mechanism with separate preamplifier section consisting of power supply and equalized preamplifier with provisions for two additional plug-in preamplifiers to accommodate additional reproducers.

Individual drive motors with mechanical positive gear interlock assure absolute "sync" from dead start. Separate synchronous drive motors operate each dubber independently to assure optimum motion stability. Electrical interlock units equipped with individual interlock motors, providing separate unit control for flexibility.

Torque supply and take-up motors guarantee smooth film handling, fast forward and fast rewind.

Available singularly, and in two or threeunit complete systems with mechanical or electrical interlock.

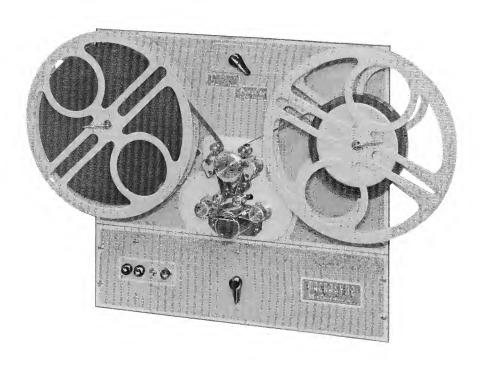
FEATURES

- · Professional heavy-duty construction.
- · Standard 1200-ft. reels.
- · Salient pole synchronous drive motor.
- · SMPTE standard performance.

X-400 Series REPRODUCERS

16mm only, synchronous magnetic film

X-400 TYPE 11



SPECIFICATIONS

Film Type, Tracking, Model Numbers:

16mm, Edge Track; Model X-400-E-11 16mm, Center Track; Model X-400-C-11 16mm, Release Print; Model X-400-R-11

Film Capacity: Standard 1200-ft. reels. (2 Magnasync reels Model M-77B with hub, furnished with each reproducer).

Take-up and Rewind: Two torque motors for high speed rewind from reel to reel or synchronous reverse through sprocket drive.

Drive Motor: Salient pole synchronous. Standard unit furnished with 115-volt, 60-cycle, single phase, 24 fps drive motor. Drive motors with other voltages, cycles and phases available including 25 fps film speed at 50

cycles, at no additional cost. See "Special Motors" section for information.

Frequency Response: 50 to 10,000 cps, ± 2 db.

Distortion: Less than 2% total harmonic.

Signal-to-noise Ratio: 58 db.

Flutter and Wow: 0.18% maximum rms overall.

Output: Zero level; balanced transformer output, standardly strapped for 600 ohms at factory.

Size: Transport on 19" x 121/4" rack panel. Plug-in pre-

Size: Transport on 19" x 12¼" rack panel. Plug-in preamplifier with power supply and motor switch on 19" x 5¼" rack panel.

Weight: 28 lbs. (13 kgs) net.

ACCESSORIES

See "ACCESSORIES" Section for appropriate interlocks and audio.

See other side for double and triple reproducer systems, electrically or mechanically interlocked

DEALER:

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Cable "MAGNASYNC"



X-400 Series **EPRODUCERS**

16mm only, synchronous magnetic film

ELECTRICAL INTERLOCK

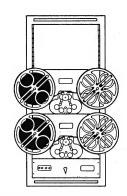
X-400 TYPE 22

Two Type 11 Reproducer transports in R-42 deLuxe rack cabinet complete, one preamplifier section containing power supply, two preamplifiers, two M-481 interlock motors and two M-437 interlock motor relays ready to use with M-790, M-791 or M-792 control panels and associated distributors.

Film Type, Tracking, **Model Numbers:**

16mm, Edge Track; Model X-400-E-22

16mm, Center Track; Model X-400-C-22



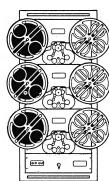
X-400 TYPE 33

Three Type 11 Reproducer transports in R-42 deLuxe rack cabinet complete, one preamplifier section containing power supply, three preamplifiers, three M-481 interlock motors and three M-437 interlock motor relays ready to use with M-790, M-791, or M-792 control panels and associated distributors.

Film Type, Tracking, **Model Numbers:**

16mm, Edge Track; Model X-400-E-33

16mm, Center Track; Model X-400-C-33



NOTE: Reproducers equipped ready-to-go in rack cabinet and system-tested at factory.

MECHANICAL INTERLOCK

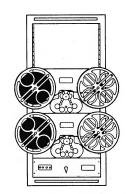
X-400 TYPE 12

Type 11 reproducer transports in R-42 deluxe rack cabinet complete with one preamplifier section containing power supply and two plug-in preamplifiers, mechanically interlocked.

Film Type, Tracking, **Model Numbers:**

16mm, Edge Track; Model X-400-E-12

16mm. Center Track: Model X-400-C-12



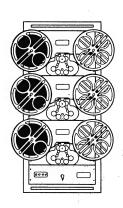
X-400 TYPE 13

Three Type 11 reproducer transports in R-42 deluxe rack cabinet complete with one preamplifier section containing power supply and three plug-in preamplifiers, mechanically interlocked.

Film Type, Tracking, **Model Numbers:**

16mm, Edge Track; Model X-400-E-13

16mm, Center Track; Model X-400-C-13



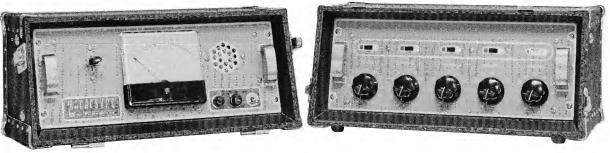
NOTE: Reproducers equipped ready-to-go in rack cabinet and system-tested at factory.



Model G-924 Multi-channel MICROPHONE MIXER

Model G-924 is specifically designed for motion picture sound recording and remote broadcast transmission. This high level mixer features dialogue equalization on each incoming channel, master gain control, built-in microphone talk-back system, and is engineered by and for sound engineers, with the finest quality components.

For the engineer who prefers a console mixing operation, the G-924 Mixer is a 23-lb. "miniature console". The units fasten together into a single portable case which is attractively styled. The conventional setup offers a professional mixing system when working space is a problem.



FEATURES

- · Adaptable for either "console" or "stacked" setup.
- Sections fasten together into single light-weight portable case.
- · Printed circuitry.
- Finger-tip color coded equalization control for each microphone channel. Switch to "Music" or "Speech" instantly.
- "Talk-back" mike and switch for communication between mixer and recorder operator. Output of talk-back, feeding into line, can be used to record "sync" mark and identify scenes.
- A.C. power supply is isolated from microphone input transformers to minimize hum pickup.
- Open chassis design for accessibility.
- Attractively packaged in black leatherette cases. Front panels aluminum with grey baked enamel background.

SPECIFICATIONS

Inputs: Three low impedance, microphone (50/250/600ohm, Cannon XL connectors). One high impedance (phone jack connector). Microphone or Western Electric dual jack connector bridge input available in Channel #3.

Dialog Equalization: Separate "SPEECH-MUSIC" switch for each channel.

Frequency Response: 30 to 15,000 cps ± 1.5 db. Talk-back: Built-in microphone with key switch.

Microphone Gain: 100 db

Power Requirements: 115 volts A.C., 50-60 cycles, 25 watts. Also available for 230-volt single-phase operation.

Line Output: Balanced 50/250/600-ohms through Cannon XL Connector.

Mixing: High level after amplification.

Noise: Equivalent input grid noise, grid shorted less than 3 mv. Equivalent input noise, grid resistor 100,000 ohm, less than 6 mv.

Distortion: Type measurement; Intermodulation of 60 cycles and 3000 cycles with amplitude ratio of 4:1 for 60 to 3000 cycles. Intermodulation 2.5% at 0 dbm, 3.5% at +6 dbm.

Tube Complement: 3 - 5879, 3 - 12AX7, 1 - 12AU7, 1 - 6X4.

Monitor: Cathode follower into two phone jack outputs with volume control; 4½" V.U. meter.

Panels: Etched aluminum with light grey baked enamel background, 6½" x 14". Also available on 7" x 19" panel for rack mounting.

Case: Black leatherette with matching hard fiber edge binding.

Size: Closed case 7" x 13" x 16" high.

Weight: 23 lbs. (11 kgs) net.

ACCESSORIES

See "ACCESSORIES" for microphones, cables, etc., per your requirements.

See other side for Program Equalizers and Degaussers

1.4

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Magn

sound system
ecade, in the design

International leaders, for over a decade, in the design and manufacture of quality magnetic recording devices

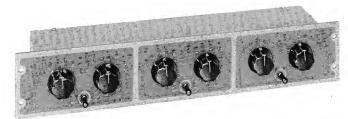
DEALER:

Series 800 ROGRAM EQUALIZERS

Specifically designed for magnetic recording and reproduction.

No maintenance required . . . all components except switches are sealed and encapsulated. Guaranteed performance.





Model G-801

Model G-803

SPECIFICATIONS

Impedance: 600 ohms.

Switching: Silent "IN-OUT" with 14 db loss pad.

Insertion Loss: 14 db.

Input Level: -70 dbm min. +20 dbm max.

Controls: Low frequency, 8 positions in 2 db steps.

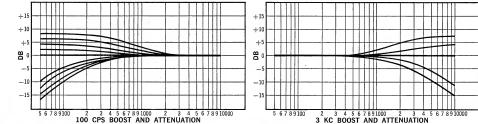
High frequency, 8 positions in 3 db steps.

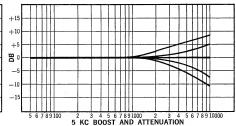
Mounting: Standard rack panel.

Size: 19" x 31/2" x 31/2"

Model G-801, Single Equalizer

Model G-803, In-line (triple) Equalizer





Series 900 **DEGAUSSERS**

For total erasure of all magnetic films, audio and instrumentation tapes.



Model A-937, **Semi-Automatic**

The film or tape is placed on the turntable, a button is depressed starting table which revolves for 12 seconds, then automatically stops, leaving the degaussing field on for an additional 5 seconds. This allows operator to remove the film from the field.

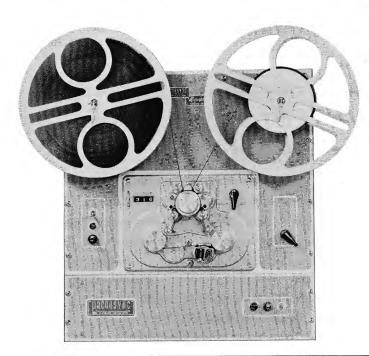
Film revolves smoothly, which eliminates any noise patterns that could be left with other types of degaussers. All sizes of audio tape, instrumentation tape or magnetic film may be used. Housed in attractive aluminum housing with operating instructions printed adjacent to START button.



Model G-936. Conventional

This economically priced model is housed in a square metal enclosure with a phenolic top. Centering post locates hub of film. In operation, film is placed with hub over centering pin and the field energized with the POWER-ON switch. Film is slowly revolved two or three times and then gradually removed from degaussing field before power is switched off.

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602, 702, 135 Series REPRODUÇERS

16mm, 17.5mm, 35mm, synchronous magnetic film

TYPE 11

Quality Reproduction of magnetic tracks in rerecording sound is a must. These reproducers, utilizing the mechanism of the Type 5 recorder, have proven themselves worldwide over the past decade in the true reproduction of sound, dependability, and ease of operation. Available as single units for modular unit assembly, or packaged complete with interlock accessories in racks in combination of two or three complete reproducers.

FEATURES

- · Standard 1200-ft. reels.
- Two torque motors for high speed rewind from reel to reel or synchronous reverse through sprocket drive.
- · Individual motor switching.
- · Salient pole synchronous drive motors.
- Provisions for second playback head for transfer of either edge or center track.
- Basic amplifier power distribution panel with provisions for up to three preamplifiers.
- SMPTE-ASA Standards.
- Plug-in head assemblies available.
- Two and three-channel models available; specifications and prices on request.

SPECIFICATIONS

Film Type, Tracking, Model Numbers:

16mm, Edge Track; Model 602-E-11 16mm, Center Track; Model 602-C-11

16mm, Release Print; Model 602-R-11

17.5mm, Standard ASA Track; Model 702-A-11 35mm, Standard ASA Track; Model 135-A-11

Film Capacity: Standard 1200-ft. reels. (2 Magnasync reels Models M-77B or M-35B with hubs, furnished with each reproducer).

Take-up and Rewind: Two torque motors for high speed rewind from reel to reel or synchronous reverse through sprocket drive.

Footage Counter: Directly coupled to film drive sprocket for accuracy; adds forward, subtracts reverse; reset type.

Drive Motor: Salient pole synchronous. Standard unit furnished with 115-volt, 60-cycle, single phase, 24 fps drive motor. Drive motors with other voltages, cycles and phases available including 25 fps film speed at 50 cycles, at no additional cost. See "Special Motors" section for information.

Frequency Response:

50 to 10,000 cps: ± 2 db at 36 or 45 fpm. 50 to 13,000 cps: ± 2 db at 90 fpm.

Distortion: Less than 2% total harmonic.

Signal-to-noise Ratio: 60 db.

Flutter and Wow: 0.15% maximum rms, 36 to 45 fpm. 0.1% maximum rms, 90 fpm.

Output: Zero level; balanced transformer output, standardly strapped for 600 ohms at factory.

Weight: 50 lbs. (22.7 kgs) net.

ACCESSORIES

See "ACCESSORIES" Section for appropriate interlock and audio.

See other side for double and triple reproducer systems, electrically or mechanically interlocked

DEALER:

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602, 702, 135 Series REPRODUCERS

16mm, 17.5mm, 35mm, synchronous magnetic film

ELECTRICAL INTERLOCK

TYPE 22

Two Type 11 reproducer transports in R-77 rack cabinet complete with power supply, two plug-in preamplifiers, two M-470 Selsyn interlock assemblies and two M-437 interlock motor relays ready to use with M-790, M-791 or M-792 control panels and associated distributors.

Film Type, Tracking, Model Numbers:

16mm, Edge Track; Model 602-E-22

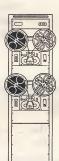
16mm, Center Track; Model 602-C-22

17.5mm, Standard ASA Track;

Model 702-A-22

35mm, Standard ASA Track;

Model 135-A-22



TYPE 33

Three Type 11 reproducer transports in R-77 rack cabinet complete with power supply, three plug-in preamplifiers, three M-470 Selsyn interlock assemblies and three M-437 interlock motor relays ready to use with M-790, M-791 or M-792 control panels and associated distributors.

Film Type, Tracking, Model Numbers:

16mm, Edge Track; Model 602-E-33

16mm, Center Track; Model 602-C-33

17.5mm, Standard ASA Track; Model 702-A-33

35mm, Standard ASA Track; Model 135-A-33



NOTE: Reproducers equipped ready-to-go in rack cabinet and system-tested at factory.

MECHANICAL INTERLOCK

TYPE 12

Two Type 11 reproducer transports in R-77 rack cabinet complete with power supply and two plug-in preamplifiers, mechanically interlocked*.

Film Type, Tracking, Model Numbers:

16mm, Edge Track; Model 602-E-12

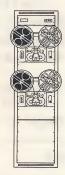
16mm, Center Track; Model 602-C-12

17.5mm, Standard ASA Track;

Model 702-A-12

35mm, Standard ASA Track;

Model 135-A-12



TYPE 13

Three Type 11 reproducer transports in R-77 rack cabinet complete with power supply and three plug-in preamplifiers, mechanically interlocked*.

Film Type, Tracking, Model Numbers:

16mm, Edge Track; Model 602-E-13

16mm, Center Track; Model 602-C-13

17.5mm, Standard ASA Track;

Model 702-A-13

35mm, Standard ASA Track;

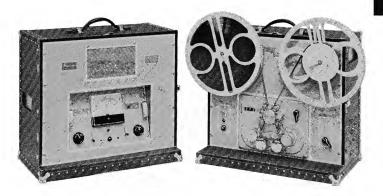
Model 135-A-13



*Mechanical interlock is jack-shaft type, 1000 rpm, 50 cycles; 1200 rpm, 60 cycles. Suitable for 1:1 coupling to Westrex or RCA interlock systems.

NOTES: Gilmer belt and pulley sets, interlock motors and mounting hardware available separately per your specifications. Reproducers equipped ready-to-go in rack cabinet and system-tested at factory.





602, 702, 135 Series RECORDERS

16mm, 17.5mm, 35mm, synchronous magnetic film

TYPE 5

The Type 5 portable recorder is one of the most popular and dependable recorders in use by producers throughout the world. This time-proven recorder is available with all standard film speeds and voltages for complete international compatibility. Uncompromising performance and striking professional appearance have been combined to make the Magnasync Type 5 the most universally accepted sound system produced.

FEATURES

- · Safety interlock prevents record in reverse direction.
- Plug-in record, playback and oscillator sections.
- Bias indication readout.
- Record indicator light.
- · Built-in monitor amplifier and loudspeaker.
- Precision-ground sprocket teeth.
- Two torque motors, for take-up, rewind, fast forward.
- · Separate playback gain control.

Film Type, Tracking, Model Numbers: 16mm, Edge Track; Model 602-E-5

16mm, Center Track; Model 602-C-5

16mm, Release Print; Model 602-R-5

17.5mm, Standard ASA Track; Model 702-A-5 35mm, Standard ASA Track; Model 135-A-5

Film Capacity: Standard 1200-ft. reels. (2 Magnasync reels

Take-up and Rewind: Two torque motors for high speed re-

Footage Counter: Directly coupled to film drive sprocket for

accuracy; adds forward, subtracts reverse; reset type.

Drive Motor: Salient pole synchronous. Standard unit furnished with 115-volt, 60-cycle, single phase, 24 fps

drive motor. Drive motors with other voltages, cycles and

phases available including 25 fps film speed at 50 cycles, at no additional cost. See "Special Motors" sec-

Models M-77B or M-35B with hubs, furnished with each

wind from reel to reel or synchronous reverse through

Input level selector.

recorder).

sprocket drive.

• "A-B" monitor selector.

- Dialogue equalizer switch.
- Salient pole synchronous drive motor.
- · Accurate footage counter.
- Dual "Synkinetic" flywheels.
- 41/2" VU meter.
- SMPTE-ASA standards.
- · Plug-in head assemblies available.
- Two and three-channel models available; specifications and prices on request.

SPECIFICATIONS

Distortion: Less than 2% total harmonic.

Signal-to-noise Ratio: 58 db.

Flutter and Wow: 0.15% maximum rms, 36 to 45 fpm. 0.1% maximum rms, 90 fpm.

Inputs: High gain (100 db) microphones, 50, 250, or 600 ohms; strapped for 50 ohms standard. Bridge input.

Input Level Selection: High level, line and low level switching on amplifier front panel.

Outputs: Zero db level, 600 ohms balanced. Speaker output, 4 to 8 ohms, 2 watts with built-in speaker.

Monitor: 4½-inch V.U. Meter monitors input signal. Headphone output will feed any impedance above 600 ohms. Direct or film monitor switch.

Dialogue Equalization: Switch for normal or high-pass filter with bass roll-off from 300 cps, -10 db at 100 cps.

Power Consumption: 120 watts at 115 volts, 60-cycle single phase.

Size: Mechanical Unit, 17¾" high, 20" wide, 12" deep. Amplifier Unit, 17¾" high, 20" wide, 12" deep.

Weight: 97 lbs. (44 kgs) net (both units).

ACCESSORIES

EM-2, Erase Oscillator.

tion for information.

Frequency Response:

M-450, Interlock Motor Sub-base.

M-45 Type, Flexible Cable for projector interlock.

50 to 10,000 cps: ± 2 db at 36 or 45 fpm.

50 to 13,000 cps: ± 2 db at 90 fpm.

M-96, Remote Control.
D-2, D-3, Dust Covers.
G-924, Multi-channel Mixer.

(See "ACCESSORIES" Section)

See other side for Type 4 and Type 2 Recorders

DEALER:

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Cable "MAGNASYNC"



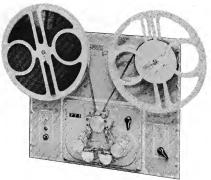
602, 702, 135 Series

16mm, 17.5mm, 35mm, synchronous magnetic film

TYPE 4

For standard 19" rack cabinet mounting. Entire mechanism and amplifier specifications identical to the Type 5. Two and three-channel models available: specifications and prices on request.





Film Type, Tracking, Model Numbers:

16mm, Edge Track; Model 602-E-4

16mm, Center Track; Model 602-C-4

16mm, Release Print; Model 602-R-4

17.5mm, Standard ASA Track; Model 702-A-4

35mm, Standard ASA Track; Model 135-A-4

SPECIFICATIONS

Size: Mechanical Unit, $15\frac{3}{4}$ " high, 19" wide, $7\frac{1}{2}$ " deep. Amplifier Unit, 153/4" high, 19" wide, 91/4" deep.

Weight: 87 lbs. (40 kgs) net (both units).

ACCESSORIES

EM-2, Erase oscillator. M-470, Interlock Motor Attachment. M-473, Interlock Motor Attachment. M-96, Remote Control.

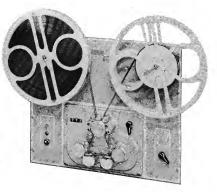
(See "ACCESSORIES" Section)

TYPE 2

For standard 19" rack cabinet mounting. Entire mechanism and amplifier specifications identical to the Type 5 except for amplifier which is on a 101/2" panel, without monitor speaker.

Two and three-channel models available: specifications and prices on request.





SPECIFICATIONS

Film Type, Tracking, Model Numbers:

16mm, Edge Track; Model 602-E-2

16mm, Center Track; Model 602-C-2

16mm, Release Print; Model 602-R-2

17.5mm, Standard ASA Track; Model 702-A-2

35mm, Standard ASA Track; Model 135-A-2

Size: Mechanical Unit, 153/4" high, 19" wide, 71/2" deep. Amplifier Unit, $10\frac{1}{2}$ " high, 19" wide, $9\frac{1}{4}$ " deep.

Weight: 80 lbs. (37 kgs) net (both units).

ACCESSORIES

EM-2, Erase Oscillator. M-470, Interlock Motor Attachment.

M-473. Interlock Motor Attachment. M-96, Remote Control.

(See "ACCESSORIES" Section)

5547 Satsuma Avenue, North Hollywood, California 91601 Phone: (213) 877-1591 Cable "MAGNASYNC"

Model G-Studio Mixing CONSOL

Specifically designed for motion picture re-recording applications

A miniaturized studio mixing console with six input channels and patch bay.

Up to three plug-in microphone pre-amplifiers may be optionally added. Line amplifier has input and output level attenuation controls; "Film-Direct" monitor switch with film gain control, and matching blank panels are provided for custom additions.

Modular construction of cabinet and components, optional plug-in microphone pre-amplifiers, and hinged top door for complete accessibility to all components.

SPECIFICATIONS

Frequency Response: 30 to 15,000 cps., ± 1.5 db. Signal-to-noise Ratio: 70 db below program level.

Distortion: 0.5% total harmonic. Output Level: 20 dbm maximum. Power Consumption: 75 watts.

Size: 341/2" wide, 14" high, 24" deep.

ACCESSORIES

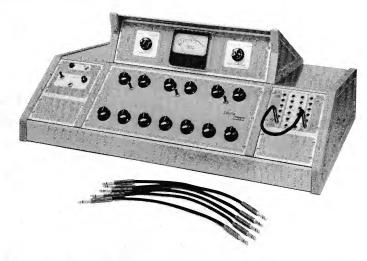
Model S-801 Microphone Preamplifier. Up to three can be added, wired for 50-ohm input or strapped for either 250 or 600 ohms.

Model G-971 Reference Level Oscillator. May be added in place of one of the blank panels. When keyed, oscillator injects a 1000-cycle tone to output line at +4 dbm level.

Model G-970 Talk-back Microphone. When keyed, affords talk-back from "mixer" to the "recordist".

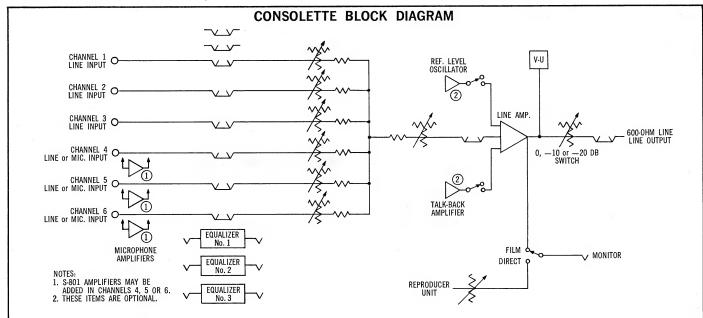
Model G-967-R Right Hand Extension. Provides 19"x83/4" panel space for mounting equipment such as M-790 Distributor control, PA-40 Monitor Amplifier, special filters, equalizers, etc.

Model G-967-L Left Hand Extension, as above.



The consolette includes the following, housed in an attractive enclosure:

- 1 G-700 Line Amplifier
- 1 G-803 Equalizer (three channel)
- G-860 Ladder Attenuator Panel
- 1 G-900-1 Patch Panel (with 2 extra jacks for auxiliary equipment.)
- G-900-2 Control Panel
- 1 G-900-3 Power Supply 1 G-900-4 Input-Output Panel
- 3 G-900-5 Input Panels (can be replaced with S-801 Microphone Pre-amplifier as an optional accessory, channels 4, 5 and 6).



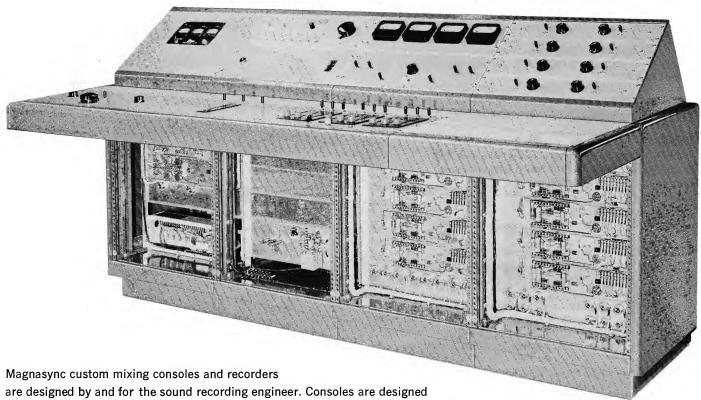
See other side for Custom Consoles and Recording Systems

DEALER:

CORPORATION
A subsidiary of Monogram Industries, 5547 Satsuma Avenue, North Hollywood, California 91601 Cable "MAGNASYNC" Phone: (213) 877-1591



Custom MIXING CONSOLES and **RECORDING SYSTEMS**



are designed by and for the sound recording engineer. Consoles are designed to your exact requirement which gives the mixer complete active control. Stereo and three channel units are available and provisions can be incorporated in the design for future expansion. Magnasync would be pleased to assist you in planning your custom requirements. Write direct giving your specifications and requirements to

our Custom Engineering Department for information. There is no obligation.



